

RH124 :- Red Hat System Administration I

Course Contents:

- ◆ Get started with the GNOME graphical desktop
=> Get started with GNOME and edit text files with gedit.
- ◆ Manage files graphically with Nautilus
=> Manage files graphically and access remote systems with Nautilus.
- ◆ Get help in a graphical environment
=> Access documentation, both locally and online.
- ◆ Configure local services
=> Configure the date and time, and configure a printer.
- ◆ Manage physical storage I
=> Understand basic disk concepts and manage system disks.
- ◆ Manage logical volumes
=> Understand logical volume concepts and manage logical volumes.
- ◆ Monitor system resources
=> Manage CPU, memory, and disk utilization.
- ◆ Manage system software
=> Manage system software locally and using Red Hat® Network (RHN).
- ◆ Get started with bash
=> Understand basic shell concepts, execute simple commands, and use basic job control techniques.
- ◆ Get help in a textual environment
=> Use man and info pages and find documentation in /usr/share/doc.
- ◆ Establish network connectivity
=> Understand basic network concepts; configure, manage, and test network settings.
- ◆ Administer users and groups
=> Manage users and groups.

- ◆ Manage files from the command line
 - => Understand Linux® file system hierarchy and pathnames; manage files from the command line.

- ◆ Secure Linux file access
 - => Understand Linux file access mechanisms; manage file access from the GUI and the command line.

- ◆ Administer remote systems
 - => Share and connect to a desktop; use SSH and rsync.

- ◆ Configure general services
 - => Manage services; configure SSH and remote desktops.

- ◆ Manage physical storage II
 - => Manage file system attributes and swap space.

- ◆ Install Linux graphically
 - => Install Red Hat Enterprise Linux and configure the system with firstboot.

- ◆ Manage virtual machines
 - => Understand basic virtualization concepts; install and manage virtual machines.

- ◆ Control the boot process
 - => Understand runlevels and manage GRUB.

- ◆ Deploy file-sharing services
 - => Deploy an FTP server and a web server.

- ◆ Secure network services
 - => Manage a firewall; understand SELinux concepts and manage SELinux.